

DOCKET NO.: 87288.1620

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies):  
John Mark Royle, James Ian King and Richard David Pearson

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: June 6, and July 20, 2002

2. Name and address of receiving party(ies):

Name: Radiodetection Limited

Internal Address: \_\_\_\_\_

Street Address: Western Drive

City: Bristol State/Country: UK ZIP: BS14 0AZ

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No(s). 10/076,086

B. Patent No(s). \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: BAKER & HOSTETLER LLP

Internal Address: \_\_\_\_\_

Street Address: Washington Square, Suite 1100,

1050 Connecticut Avenue, N.W.

City: Washington State: DC ZIP: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-2036

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Dennis P. Cawley, Registration No. 44,598  
Name and Registration No. of Person Signing

Signature

8/2/2002  
Date

Total number of pages 3

CMB No. 0851-0011 (exp. 4/94)

**ASSIGNMENT**

WHEREAS We, John Mark Royle, James Ian King, and Richard David Pearson, having an address of 18 Maple Road, Broadclyst, Exeter, EX5 3NE, United Kingdom, Flat 3, 107 Locksbrook Road, Bath BA1 3EN, United Kingdom, and 9 Goldney Road, Cliftonwood, Bristol, BS8 4RB, United Kingdom, respectively, ("Assignor"), have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled **METHODS AND SYSTEMS FOR GENERATING-PHASE DERIVATIVE SOUND**, executed by us on the date of execution of this document, as shown below, or for which an application for United States Letters Patent was filed on 15 February 2002, and identified by United States Serial No. 10/076,086;

AND WHEREAS, Radiodetection Limited, (Corporation of England), having an address of Western Drive, Bristol BS14 0AZ, United Kingdom, ("Assignee"), is desirous of acquiring the entire right, title and interest in and to said invention, and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over unto Assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past infringement, as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATION, Assignor hereby agrees with the said Assignee that Assignor will not execute any writing or do any act whatsoever conflicting with these presents, and that Assignor will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of Assignor and Assignee;

The undersigned hereby grant(s) the firm of BAKER & HOSTETLER LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

6<sup>th</sup> June 2002  
Date

J.M. Royle  
John Mark Royle

6 JUNE 2002  
Date

R. Pearson  
Richard David Pearson

20 JULY 2002  
Date

James Ian King  
James Ian King